

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee : Broadcom Corporation
Patent No. : 5,754,591
Issued : May 19, 1998
Title : SYSTEM FOR, AND METHOD OF, PROCESSING QUADRATURE
AMPLITUDE MODULATED SIGNALS

Docket No. : 33424/JWE/B600

SUBSTITUTION OF ATTORNEY BY ASSIGNEE

Assistant Commissioner for Patents
Washington, D.C. 20231

Commissioner:

Broadcom Corporation, assignee of the entire interest in and to the above-identified United States patent under an Assignment recorded in the United States Patent and Trademark Office hereby revokes all previous Powers of Attorney and appoints:

| | | | | | |
|------------------------|----------|------------------------|----------|---------------------|------------|
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| LeRoy T. Rahn | (20,356) | Grant T. Langton | (39,739) | Norman E. Carte | (30,455) |
| Richard D. Seibel | (22,134) | Constantine Marantidis | (39,759) | Joel A. Kauth | (41,886) |
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| William P. Christie | (29,371) | Gregory S. Lampert | (35,581) | Mark Garscia | (31,953) |
| David A. Dillard | (30,831) | Craig A. Gelfound | (41,032) | Gary J. Nelson | (P-44,257) |
| Thomas J. Daly | (32,213) | Syed A. Hasan | (41,057) | Raymond R. Tabandeh | (P-43,945) |

all members or associates of or of counsel to the firm CHRISTIE, PARKER & HALE, LLP, telephone (626) 795-9900, as principal attorneys with power to appoint associate attorneys, are hereby appointed to prosecute and to transact all business in the Patent and Trademark Office connected herewith.

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

Patent No. 5,754,591

Please address all correspondence to CHRISTIE, PARKER & HALE, LLP, P. O. Box 7068,
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Broadcom Corporation

Date 5-20-99

By Henry Samueli
Henry Samueli
Co-Chairman of the Board
Chief Technical Officer

JWE/mg
LLB IRV16319.1-5/19/99 4:46 pm

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Henry Samueli, et al.
Application No. : 09/819,049
Filed : January 20, 1998
Title : SYSTEM FOR, AND METHOD OF, PROCESSING QUADRATURE
AMPLITUDE MODULATED SIGNALS

Grp./Div. : Not assigned
Examiner : Not assigned

Docket No. : 39521/RJP/B600

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D. C. 20231

Commissioner:

The undersigned principal attorney for the above-identified application hereby appoints:

Richard J. Paciulan (28,248)

of counsel to the firm CHRISTIE, PARKER & HALE, LLP, telephone 626/795-9900, as associate attorney with power to prosecute this application and any subsequent application based on the disclosure of this application, and to transact all business in the Patent and Trademark Office connected with this application and any such subsequent applications.

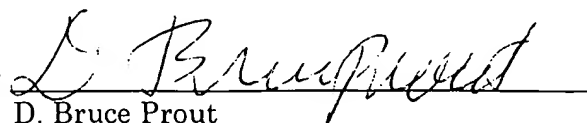
The authority under this Power of Attorney of such person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

Please address all correspondence to CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, California 91109-7068.

Date

3/13/02

By


D. Bruce Prout

DBP/RJP/cah

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